3-4-1 Specifications

| Type	Specification			
	No. of slots	No. of processor buses	Internal power consumption 24V DC	Mass
NP1BS-03	3 slots	2 slots	35 mA or less	Approx. 250g
NP1BS-06	6 slots	4 slots	45 mA or less	Approx. 420g
NP1BS-08	8 slots	3 slots	50 mA or less	Approx. 540g
NP1BS-08S	8 slots	3 slots	60 mA or less	Approx. 550g
NP1BS-08D	8 slots	3 slots	70 mA or less	Approx. 550g
NP1BS-11	11 slots	3 slots	60 mA or less	Approx. 720g
NP1BS-11S	11 slots	3 slots	70 mA or less	Approx. 730g
NP1BS-11D	11 slots	3 slots	80 mA or less	Approx. 730g
NP1BS-13	13 slots	3 slots	70 mA or less	Approx. 840g
NP1BS-13S	13 slots	3 slots	80 mA or less	Approx. 850g
NP1BS-13D	13 slots	3 slots	80 mA or less	Approx. 850g
NP1BP-13	13 slots	10 slots	70 mA or less	Approx. 840g
NP1BP-13S	13 slots	10 slots	80 mA or less	Approx. 850g
NP1BP-13D	13 slots	10 slots	80 mA or less	Approx. 850g

Note: For dimensions, refer to "3-11 Dimensions."
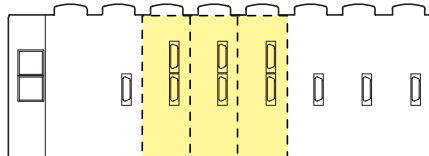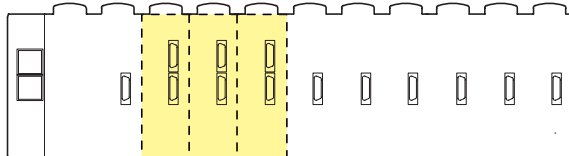
<Processor bus connectable slots>
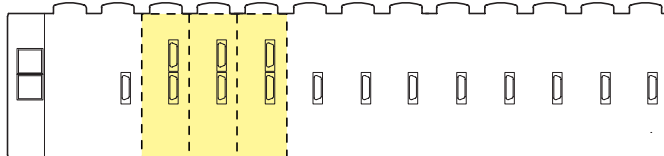
NP1BS-03
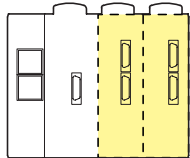
NP1BS-06
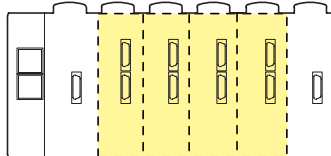
NP1BS-08/NP1BS-08S/NP1BS-08D

NP1BS-11/NP1BS-11S/NP1BS-11D

NP1BS-13/NP1BS-13S/NP1BS-13D

NP1BP-13/NP1BP-13S/NP1BP-13D (Processor bus expanded type)
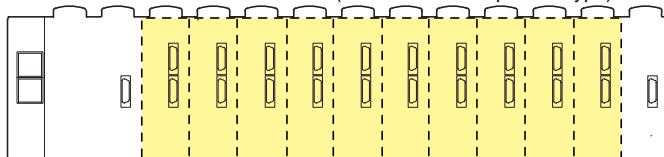
 Indicates a slot with a processor bus connector.

Key-point

· One power supply module and at least one module other than a power supply module should be mounted on the base board.
· The power supply module should be mounted on the left end of the base board.
· Number of connectable base boards is a maximum of 25 including SX bus T-branch units (NP8B-TB) bus T-branch units (NP8B-TB).
· In the system which two or more base boards are connected by the SX bus expansion cable, if several bases (power supplies) are required to be OFF, the number of bases should be a maximum of three in series. (Though four or more bases in series can be turned OFF to operate, the reliability of SX bus communication is greatly reduced.) For more information, refer to 2-2-2 (3) (Precautions for connecting baseboards and units to the SX bus).

3-4-2 Names and functions

SX bus station No. selection switch
(NP1BP-□□S, NP1BS-□□S, NP1BP-13D, NP1BS-13D only)

Expansion SX bus connector (IN)   Coupler lock   Processor bus connectors

Note: When connecting the SX bus
       extension cable, be sure to
       connect the cable that comes
       from OUT terminal to the IN
       terminal. (Connect the orange
       connector of the cable to
       OUT; the white connector to
       IN.)

Expansion SX bus connector (OUT)   Direct-mount hole   SX bus connector

                                                                        Direct-mount hole

(Side)   (Front)

                                        Base board mounting studs (optional)
                                        Type: NP8B-ST (2 pieces / 1 set)

Base board mounting bracket

(Front)   (Side)

<About the setting of SX bus station No.>
The set value for the SX bus station number on this baseboard is the SX bus station number for the module that is inserted
in the leftmost slot but the power supply module on the baseboard. The station numbers for the remaining slots are
automatically determined by adding one in order. For empty slots, SX bus station numbers are reserved.

<Example of setting>

"1E" → 30

High-order   Low-order

		30	31	32	33	(34)	35	36	37	(38)	(39)	(40)
SX bus	Power supply	I/O	I/O	I/O	I/O	Empty	I/O	I/O	I/O	Empty	Empty	Empty

* SX station number is set by hexadecimal number. In the above figure, the numbers
   beginning from "30" are assigned for SX station numbers because
   1E (hexadecimal) = 30 (decimal).